

CLAIMS

1. A delivery device comprising a rotatable metering member adapted to dispense a measured amount of material, a material delivery passage and a material delivery orifice, and at least one actuator member adapted to move the metering member from a material retaining position to a material dispensing position characterised in that the actuator member moves in a substantially radial direction and actuates the metering member in a substantially radial direction.
2. A delivery device according to claim 1 characterised in that the device comprises a plurality of metering members adapted to dispense a measured amount of material, said metering members being held in a rotatable magazine.
3. A delivery device according to claim 2 characterised in that the device is adapted to take a plurality of magazines.
4. A delivery device comprising a plurality of rotatable magazines, each magazine being provided with a plurality of metering members adapted to dispense a measured amount of material, a material delivery passage and a material delivery orifice, and at least one push rod adapted to move a metering member from a material retaining position to a material dispensing position.
5. A delivery device according to claims 1 or 4 characterised in that the material is a medicament.
6. A delivery device according to claims 1 or 4 characterised in that the material is a dry powder.
7. A delivery device according to claims 2 or 4 characterised in that the magazine is substantially circular.

8. A delivery device according to claims 3 or 4 characterised in that the device comprises a pair of magazines.
- 5 9. A delivery device according to claim 8 characterised in that the device is provided with means for engaging a first magazine whilst disengaging a second magazine and which engaging means is moveable from an engaging to a disengaging position and vice-versa.
- 10 10. A delivery device according to claim 9 characterised in that the engaging means comprises male and female interlocking members.
11. A delivery device according to claim 10 characterised in that the magazine is provided with a female member and a drive means is provided with a male member.
- 15 12. A delivery device according to claim 11 characterised in that a drive plate is provided with a male member and is adapted to engage with the drive means.
- 20 13. A delivery device according to claim 12 characterised in that the male member comprises a resilient protrusion which is resiliently biased towards a second magazine, but is constructed so as to be urged to engage with a female member of a first disc magazine, such that when the urging means is removed the male member is biased towards and engages with the second magazine.
- 25 14. A delivery device according to claim 13 characterised in that the actuator means comprises at least two radially acting push rod mechanisms which may operate together, independently or sequentially.

15. A delivery device according to Claim 5 characterised in that the medicament metering member comprises a spool and a spool carrier wherein the void between the spool carrier is filled with medicament.
- 5 16. A delivery device according to Claim 15 characterised in that the device is provided with a pair of magazines and said pair of magazines contain the same medicament.
- 10 17. A delivery device according to Claim 15 characterised in that the device is provided with a pair of magazines and said pair of magazines contain different medicaments.
- 15 18. A delivery device according to claim 5 characterised in that the medicament delivery device is an inhaler
19. A delivery device according to claim 2 characterised in that the inhaler is a dry powder inhaler.
- 20 20. A dry powder inhaler comprising a metering member adapted to dispense a measured amount of medicament, an inhalation passage and a mouthpiece, and at least one push rod adapted to move the metering member from a medicament retaining position to a medicament dispensing position characterised in that the push rod moves in a essentially substantially radial direction and actuates the metering member in a substantially radial direction.
- 25 21. A dry powder inhaler comprising a plurality of metering members adapted to dispense a measured amount of medicament and held in a rotatable magazine, an inhalation passage and a mouthpiece, and at least one push rod adapted to move one of the plurality of metering members from a medicament retaining position to
- 30 a medicament dispensing position.

22. A dry powder inhaler according to Claim 17 characterised in that the medicaments are fluticasone and salmeterol.
23. A dry powder inhaler according to Claim 21 characterised in that the inhaler is
5 provided with two push rods.
24. A magazine comprising a plurality of radially mounted and radially facing spools
said spools containing a medicament in dry powder form.
- 10 25. A magazines according to claim 24 characterised in that the magazine is coupled
to a second magazine and is provided with an intermediate drive disc.
26. A method of delivering a material which comprises using a delivery device
according to Claim 1.
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27. A method of administering a dry powder medicament using a delivery device
according to Claim 6.
28. A method according to claim 27 characterised in that a combination of
20 medicaments are administered.
29. A method of treatment of a patient with a respiratory disorder comprising the
administration of a therapeutically effective amount of a medicament using an
inhaler according to claim 18.
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30. The use of salmeterol and/or fluticasone in the manufacture of an inhaler
according to claims 1 or 2.
31. The use of salmeterol and/or fluticasone in the manufacture of a magazine
30 according to claims 24 or 25.

32. A delivery device substantially as described with reference to the accompanying drawings.

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